

Non-Contact Infrared Thermometers

TIMKEN

Where You Turn

Temperature measurement from a safe distance

Timken understands the importance of predictive maintenance to increasing production uptime and equipment reliability. Accurate temperature measurement is an essential part of keeping operations running smoothly.

Timken® non-contact infrared thermometers are portable, lightweight solutions for safely measuring temperature from a distance. By knowing the amount of infrared energy discharged by the object, and its emissivity, the object's surface temperature can be determined.

Non-contact infrared thermometers are ideal for applications where conventional sensors cannot be employed.

Suggested applications:

- *Rollers*
- *Moving machinery*
- *Conveyor belts*
- *Food processing equipment*
- *Predictive maintenance*

Simply aim, pull the trigger and read the temperature. No contact with hot surfaces or moving parts means safer, faster and easier temperature measurement.



Non-Contact Infrared Thermometer Features:

- Lightweight compact solution to measuring temperature
- Accurate temperature readings for hard-to-reach or dangerous applications
- Durable and easy to use
- Temperature ranges from -60° C to 871° C (-76° F to 1600° F)
- Can easily switch from °C to °F (Celsius to Fahrenheit)
- Easy-to-read backlit LCD display
- Choose from three models to suit your need



Timken non-contact infrared thermometers are suitable for a wide variety of industrial applications

*IRG301 Model
Large, easy-to-read backlit display, making temperature easier to read in dimly lit areas*

IRG121 Model:	IRG161 Model:	IRG301 Model:
12:1 Distance to spot ratio	16:1 Distance to spot ratio	30:1 Distance to spot ratio
Temperature range of -60° C to 500° C (-76° F to 932° F)	Temperature range of -60° C to 625° C (-76° F to 1157° F)	Temperature range of -60° C to 871° C (-76° F to 1600° F)
Fixed emissivity	Adjustable emissivity	Adjustable emissivity
Single laser point targeting	Single laser point targeting	Dual laser point targeting system
Can switch from Celsius to Fahrenheit	Can switch from Celsius to Fahrenheit	Can switch from Celsius to Fahrenheit
MAX Temperature display	MAX, MIN, DIF, AVG Temperature display	MAX, MIN, DIF, AVG Temperature display
	HI/LO Alarm ability	HI/LO Alarm ability
		Bright white LED flashlight
		Comes with a hard plastic carrying case

Contact your Timken sales representative for more information about non-contact infrared thermometers or visit www.timken.com/reliability

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Bearings • Steel •
Precision Components • Lubrication •
Seals • Remanufacture and Repair •
Industrial Services
www.timken.com

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